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-- Radio programs as an aid to learning --

AN EDUCATIONAL SUPPLEMENT

for junior and senior high schools

920 on your dial

5000 Watts

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W B A A
Purdue University
Lafayette, Indiana

TO INDIANA TEACHERS AND ADMINISTRATORS

It is apparent from any examination of recent educational material prepared for radio use that much of it can provide a valuable supplement to regular course work in high schools and junior high schools. Many authentic programs of this kind have been broadcast by this station and others in past months. Some programs of this type have been integrated into a regular series heard daily over WBAA called "To Hear And Understand".

The following pages give information on each program to be broadcast during September and October only. We are planning more programs for the following months, November and December. However, we would first appreciate word from the schools using any or all of the programs. Additional copies of the schedules contained in these pages may be had by writing to WBAA, Purdue University, Lafayette, Indiana.


John Henderson
Educational Supervisor
WBAA

TO HEAR AND UNDERSTAND

STORIES IN SCIENCE

These programs are selected from the well-known "Adventures In Research," a science series on famous inventors and scientists presented in dramatized form. This series could be used for chemistry, physics, biology, and history classes in high school and junior high school.

MONDAY 11:15

- Sept. 20 Success Story--Henry Bessemer and the story of the Bessemer converter.
- Sept. 27 The Magic Cupboard--Here is information on Louis Daguerre, French inventor, and photography.
- Oct. 4 The Master Builder--Episodes and incidents in the life of Sir Isaac Newton, mathematician & physicist.
- Oct. 11 The Man Who Couldn't Keep Still--The graphic story of the first Atlantic cable and Cyrus W. Field.
- Oct. 18 The Man Who Made Ivory--How the first billiard ball was made by John Wesley Heath, American printer.
- Oct. 25 The First Automobile--An account of the invention of the first steam automobile by Nicholas Cugnot.

WEDNESDAY 11:15

- Sept. 22 The Cow That Stopped The Plague--The story of small pox and scientist Dr. Edward Jenner.
- Sept. 29 The Underwater Cigar--John Holland and his early experiments with submarines.
- Oct. 6 The Wright Brothers--Facts on Orville and Wilbur Wright, inventors of the airplane.
- Oct. 13 The Broken Mirror--Here is the story of Joseph von Fraunhofer and his work with the solar spectrum.
- Oct. 20 Scientific American--How rubber was discovered by Charles Goodyear.
- Oct. 27 One-Man Airforce--The little known story of Thaddeus Lowe and his balloon flight during the Civil War.

THURSDAYS 11:15 - CITIZENS OF TOMORROW SPEAK. A special manual is prepared for use with this series which may be had upon request. It lists questions for discussion each week along with a discussion outline and study references for each program. Write to WBAA, Purdue University, West Lafayette, Indiana.

TO HEAR AND UNDERSTAND SCHEDULE

<u>DATE</u>	<u>SERIES</u>	<u>PROGRAM TITLE</u>
Sept. 20	Stories In Science	Success Story
Sept. 21	Around The World	Diamond Dust
Sept. 22	Stories In Science	The Cow That Stopped The Plague
Sept. 23	Citizens Of Tomorrow	Should Students Be Required To Participate In At Least One Activity?
Sept. 24	Indiana History	George Rogers Clark
Sept. 27	Stories In Science	The Magic Cupboard
Sept. 28	Around The World	South African Industries
Sept. 29	Stories In Science	The Underwater Cigar
Sept. 30	Citizens Of Tomorrow	Why Would You Like Or Not Like To Be A High School Teacher?
Oct. 1	Indiana History	Elwood Haynes
Oct. 4	Stories In Science	The Master Builder
Oct. 5	Around The World	Pearling
Oct. 6	Stories In Science	The Wright Brothers
Oct. 7	Citizens Of Tomorrow	How Much Power Should The Student Council Have?
Oct. 8	Indiana History	Building of Wabash & Erie Canal
Oct. 11	Stories In Science	The Man Who Couldn't Keep Still
Oct. 12	Around The World	Yangtze Valley Development
Oct. 13	Stories In Science	The Broken Mirror
Oct. 14	Citizens Of Tomorrow	Should Voting Be Made Compulsory?
Oct. 15	Indiana History	First Street Lights In The World
Oct. 18	Stories In Science	The Man Who Made Ivory
Oct. 19	Around The World	Soviet Constitution
Oct. 20	Stories In Science	Scientific American
Oct. 25	Stories In Science	The First Automobile
Oct. 26	Around The World	Roots Of Chinese Democracy
Oct. 27	Stories In Science	One-Man Airforce
Oct. 28	Citizens Of Tomorrow	How Would You Vote Next Tuesday And Why?
Oct. 29	Indiana History	Hoosier Madness

ALL PROGRAMS HEARD DAILY AT 11:15

WBAA - 920 ON YOUR DIAL

AROUND THE WORLD

Here are programs selected from our international understanding series that includes the countries of Holland, Belgium, China, Russia, Australia and South Africa. The first unit deals with industries and governments and will be followed in the next unit by information of peoples of these countries. This series, presented in the form of interviews and discussions, could be used for history, social-studies, and English classes in high school and junior high school.

TUESDAY 11:15

- Sept. 21 Diamond Dust--From "Holland Calling," information on a leading industry and a visit to a diamond factory.
- Sept. 28 South African Industries--Here is an interview on industry taken from "This Is South Africa."
- Oct. 5 Pearling--"A Look At Australia" furnishes facts on the pearl industry in Australia.
- Oct. 12 Yangtze Valley Development--From the series "Inside China," facts on the famous Yangtze river valley.
- Oct. 19 Soviet Constitution--An informative discussion by a faculty member of the University of Michigan from a series "Russia And Its Culture."
- Oct. 26 Roots of Chinese Democracy--A general discussion on China from "Inside China."

INDIANA HISTORY

These programs are chosen from a series known as "The Best Of The 48" and present dramatized incidents of the past and present from the colorful history of Indiana. This series would be of interest to English, history, and social-studies classes in high school and junior high school.

FRIDAY 11:15

- Sept. 24 George Rogers Clark--Here is a well-known episode in Indiana history, the famous march to Vincennes.
- Oct. 1 Elwood Haynes--This is the story of a celebrated Indiana inventor and his work on the automobile.
- Oct. 8 The Building of the Wabash and Erie Canal--The story of a gigantic engineering feat, the building of the longest canal in the world.
- Oct. 15 The First Street Lights in the World--Wabash, Indiana, home of the first electric street lights.
- Oct. 29 Hoosier Madness--The beginnings of basketball, favorite Hoosier sport, in Indiana.

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